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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/538,840	03/01/2006	Joachim Schmitt	SCHM3001/REF	8834
23364 BACON & THO	7590 06/09/200 OMAS, PLLC	EXAMINER		
625 SLATERS LANE FOURTH FLOOR ALEXANDRIA, VA 22314-1176			SWARTZ, RODNEY P	
			ART UNIT	PAPER NUMBER
			1645	
			MAIL DATE	DELIVERY MODE
			06/09/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)				
	10/538,840	SCHMITT ET AL.				
Office Action Summary	Examiner	Art Unit				
	Rodney P. Swartz, Ph.D.	1645				
The MAILING DATE of this communication app	ears on the cover sheet with the c	orrespondence address				
Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be time will apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).				
Status						
1)⊠ Responsive to communication(s) filed on <u>18 Ma</u>	arch 2009					
	action is non-final.					
·	<u> </u>					
closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims	•					
- 4)⊠ Claim(s) <u>27-35,38-43,45,46 and 48</u> is/are pending in the application.						
4a) Of the above claim(s) is/are withdrawn from consideration.						
5)⊠ Claim(s) <u>27-30,32-35,38-43,45,46 and 48</u> is/are allowed.						
6)⊠ Claim(s) <u>31</u> is/are rejected.						
7) Claim(s) is/are objected to.						
8) Claim(s) are subject to restriction and/or	election requirement.					
Application Papers						
9) The specification is objected to by the Examine	r.					
10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).						
a)☐ All b)☐ Some * c)☐ None of:						
1. Certified copies of the priority documents have been received.						
2. Certified copies of the priority documents have been received in Application No						
3. Copies of the certified copies of the priority documents have been received in this National Stage						
application from the International Bureau (PCT Rule 17.2(a)).						
* See the attached detailed Office action for a list of the certified copies not received.						
Attachment(s)						
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948)	4) ☐ Interview Summary Paper No(s)/Mail Da					
3) Information Disclosure Statement(s) (PTO/SB/08)	5) Notice of Informal P					
Paper No(s)/Mail Date	6)					

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DETAILED ACTION

1. Applicants' Response to Office Action, received 18 March 2009, is acknowledged. Claims 31, 33, 34 and 42 have been amended.

2. Claims 27-35, 38-43, 45, 46 and 48 are pending and under consideration.

Rejections Withdrawn

3. The rejection of claims 42 and 43 under 35 U.S.C. 112, second paragraph, as being indefinite for identity of encoded polypeptide, is withdrawn in light of the amendment of the claims.

Rejections Maintained

4. The rejection of claim 31 under 35 U.S.C. 112, second paragraph, as being indefinite for identity of encoded polypeptide, is maintained.

Applicants' argue that the amendment of claim 31 obviates the rejection.

The examiner has considered applicants' argument, in light of the amendment of the claim, but does not find it persuasive.

As newly amended, claim 31 is drawn to an isolated polypeptide, which is encoded by the isolated polynucleotide of claim 27 or 28, wherein the isolated polypeptide is encoded by the nucleic acid sequence of SEQ ID NO:1 or 3.

Claim 27 is drawn to an isolated polynucleotide which encodes for a protein with transsialidase activity, and which comprises one of the nucleic acid sequences selected from the group consisting of SEQ ID NO:1 and 3.

Thus, it is unclear if the trans-sialidase activity is restricted to that part which is encoded by the nucleic acid sequence of SEQ ID NO:1 or 3, or includes the unknown regions of the

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protein encoded by the unknown regions of the polynucleotide which "comprises" either SEQ ID NO:1 or 3.

Conclusion

5. Claim 31 is rejected.

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

7. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Rodney P. Swartz, Ph.D., Art Unit 1645, whose telephone number is (571) 272-0865. The examiner can normally be reached on Monday through Wednesday from 9:00 AM to 7:30 PM EST. Thursday is the examiner's work at home day.

If attempts to reach the Examiner by telephone are unsuccessful, please contact the Examiner's Supervisor, Robert B. Mondesi (571)272-0956.

The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Rodney P. Swartz, Ph.D./

Primary Examiner, Art Unit 1645

June 7, 2009